

## uemura8.ST25.txt

```
<210>
                                             3
                  <211>
                                             15
                  <212>
                                             DNA
                  <213>
                                            Artificial Sequence
                  <220>
                  <223>
                                            Synthetic
                  <220>
                  <221>
                                             misc feature
                  <223>
                                            Designed oligonucleotide primer to amplify neurosin-encoding sequ
                  <400> 3
                                                                                                                                                                                                                                                                                                     15
                  ttggtgcatg gcgga
<210>
                                             4
The state of the s
                                            20
                  <211>
                  <212>
                                            DNA
                  <213>
                                            Artificial Sequence
                  <220>
 U)
                  <223>
                                            Synthetic
<220>
<221>
                                            misc feature
                                            Designed oligonucleotide primer to amplify neurosin-encoding sequ
100
 4.
 <400> 4
                                                                                                                                                                                                                                                                                                      20
                 ggaattcact tggcctgaat
                  <210>
                  <211>
                                            26
                  <212>
                                            DNA
                  <213>
                                            Artificial Sequence
                  <220>
                 <223>
                                            Synthetic
                  <220>
                  <221>
                                            misc feature
                  <223>
                                            Designed oligonucleotide primer to amplify a portion of plasmid p
                                             TrypHis/Neurosin
                 <400> 5
                                                                                                                                                                                                                                                                                                     26
                 ctaagcttga cgacgatgac aagttg
                 <210>
                                             6
                  <211>
                                            27
                  <212>
                                            DNA
                  <213>
                                            Artificial Sequence
                 <220>
                 <223>
                                            Synthetic
                 <400>
```

tcctcg	agac ttggcctgaa tggtttt	2
<210>	7	
<211>	26	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<220>		
<221> <223>	<pre>misc_feature Designed oligonucleotide primer to amplify a portion of plasm TrypHis/Neurosin</pre>	nid
<400>	7	
	ttca ccatcaccat caccat	
<210>	8	
<211>	99	
<212>	DNA ·	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic	
<220>		
<221>	misc_feature	
<223>	Designed oligonucleotide to construct plasmid pSecTrypHis	
<400>	8	
	ggct agcaacacca tgaatctact cctgatcctt acctttgttg ctgctgctgt	
tgctgc	cccc tttgacgacg atgacaagga tccgaattc	
<210>		
<211>	9 99	
	DNA	
<213>	Artificial Sequence	
<220>		
	Synthetic	
<220>		
	misc_feature	
<223>	Designed oligonucleotide to construct plasmid pSecTrypHis	
<400>	9 .	
	ggat cettgteate gtegteaaag ggggeageaa cageageage aacaaaggta	
aggatc	agga gtagattcat ggtgttgcta gccaagctt	
Z210×	10	
<210> <211>	10 35	
	DNA	
<213>	Artificial Sequence	
-LIJ/	vicitionar pedmence	

```
<220>
                <223>
                                        Synthetic
                <220>
                <221>
                                        misc feature
                 <223>
                                        Designed oligonucleotide primer to amplify a portion of plasmid p
                                         SecTrypHis/Neurosin
                <400> 10
                gcgctagcag atctccatga atctactcct gatcc
                                                                                                                                                                                                                                                                         35
                <210>
                                        11
                <211>
                                        29
                <212>
                                        DNA
<213>
                                        Artificial Sequence
(i)
                <220>
<223>
                                        Synthetic
1,000 and 1,000 
                <220>
                <221>
                                        misc_feature
                <223>
                                        Designed oligonucleotide primer to amplify a portion of plasmid p
                                         SecTrypHis/Neurosin
#
<400> 11
                tgaagcttgc catggaccaa cttgtcatc
                                                                                                                                                                                                                                                                         29
ļ.
4, 1
                <210>
                                        12
# = E;
                <211>
                                         17
                <212>
                                        DNA
                <213>
                                       Artificial Sequence
                <220>
                <223>
                                        Synthetic
                <220>
                <221>
                                        misc feature
                <223>
                                        Designed oligonucleotide primer to amplify a portion of plasmid p
                                         TrypSigTag
                <400> 12
                gcacagtcga ggctgat
                                                                                                                                                                                                                                                                        17
                <210>
                                        13
                <211>
                                        17
                <212>
                                       DNA
                <213>
                                       Artificial Sequence
                <220>
                <223>
                                        Synthetic
                <220>
                <221>
                                        misc feature
                <223>
                                        Designed oligonucleotide primer to amplify a portion of plasmid p
                                         FBTrypSigTag
```

<400 caaa		l3 ggt a	atggo	ctg				•			17
<210 <211 <212 <213	L> ( 2> [	14 572 DNA Homo	sapi	iens							
<220 <221 <222 <223	L> ( 2>	CDS (1).	. (672	2)							
	gtg						aca Thr 10				48
							tgt Cys				96
							tgc Cys				144
							caa Gln				192
							cac His				240
							cgc Arg 90				288
							ctg Leu				336
							tgg Trp				384
							tac Tyr				432
							cag Gln				480
							gat Asp 170				528
							ctc Leu				576

180 190 185 ggt aac atc ccc tgt gga tca aag gag aag cca gga gtc tac acc aac 624 Gly Asn Ile Pro Cys Gly Ser Lys Glu Lys Pro Gly Val Tyr Thr Asn 200 gtc tgc aga tac acg aac tgg atc caa aaa acc att cag gcc aag tga 672 Val Cys Arg Tyr Thr Asn Trp Ile Gln Lys Thr Ile Gln Ala Lys 210 215 220 <210> 15 <211> 223 <212> PRT <213> Homo sapiens <220> <223> Synthetic <400> 15 Leu Val His Gly Gly Pro Cys Asp Lys Thr Ser His Pro Tyr Gln Ala Ala Leu Tyr Thr Ser Gly His Leu Leu Cys Gly Gly Val Leu Ile His 30 Pro Leu Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Asn Leu Gln Val Phe Leu Gly Lys His Asn Leu Arg Gln Arg Glu Ser Ser Gln Glu Gln Ser Ser Val Val Arg Ala Val Ile His Pro Asp Tyr Asp Ala Ala Ser His Asp Gln Asp Ile Met Leu Leu Arg Leu Ala Arg Pro Ala Lys Leu Ser Glu Leu Ile Gln Pro Leu Pro Leu Glu Arg Asp Cys Ser Ala Asn Thr Thr Ser Cys His Ile Leu Gly Trp Gly Lys Thr Ala Asp Gly 120 Asp Phe Pro Asp Thr Ile Gln Cys Ala Tyr Ile His Leu Val Ser Arg Glu Glu Cys Glu His Ala Tyr Pro Gly Gln Ile Thr Gln Asn Met Leu 145 150 155 Cys Ala Gly Asp Glu Lys Tyr Gly Lys Asp Ser Cys Gln Gly Asp Ser

165

Gly Gly Pro Leu Val Cys Gly Asp His Leu Arg Gly Leu Val Ser Trp

180

```
Gly Asn Ile Pro Cys Gly Ser Lys Glu Lys Pro Gly Val Tyr Thr Asn
                               200
                                                   205
    Val Cys Arg Tyr Thr Asn Trp Ile Gln Lys Thr Ile Gln Ala Lys
        210
                                               220
                           215
    <210> 16
    <211> 135
    <212>
           DNA
    <213>
          Homo sapiens
    <220>
    <221> CDS
    <222>
          (1)..(135)
    <223>
    <400> 16
    atg gag aca gac aca ctc ctg cta tgg gta ctg ctc tgg gtt cca
                                                                        48
    Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Trp Val Pro
    ggt tee act ggt gae geg gee eag eeg gee agg ege geg egt aeg
                                                                        96
    Gly Ser Thr Gly Asp Ala Ala Gln Pro Ala Arg Arg Ala Arg Arg Thr
                20
4:5
    aag ctt cac cat cac cat cac cat gac gac gat gac aag
                                                                       135
    Lys Leu His His His His His Asp Asp Asp Lys
                               40
    <210> 17
    <211>
          45
    <212>
          PRT
    <213> Homo sapiens
    <220>
    <223> Synthetic
    <400> 17
    Met Glu Thr Asp Thr Leu Leu Trp Val Leu Leu Trp Val Pro
                                       10
    Gly Ser Thr Gly Asp Ala Ala Gln Pro Ala Arg Arg Ala Arg Arg Thr
    Lys Leu His His His His His Asp Asp Asp Lys
            35
                               40
    <210> 18
    <211> 120
```

```
411
8
...
4.
```

```
<212> DNA
<213> Homo sapiens
<220>
<221> CDS
<222>
      (1)..(120)
<223>
<400> 18
atg aat cta ctc ctg atc ctt acc ttt gtt gca gct gct gct gcc Met Asn Leu Leu Ile Leu Thr Phe Val Ala Ala Val Ala Ala
                                                                       48
ccc ttt gat gat gac aag ttg gtg cat ggc aag ctt cac cat cac
                                                                       96
Pro Phe Asp Asp Asp Lys Leu Val His Gly Lys Leu His His His
                                25
cat cac cat gac gac gat gac aag
                                                                      120
His His Asp Asp Asp Asp Lys
        35
<210> 19
<211>
      40
<212>
      PRT
<213>
      Homo sapiens
<220>
<223> Synthetic
<400> 19
Met Asn Leu Leu Ile Leu Thr Phe Val Ala Ala Val Ala Ala
Pro Phe Asp Asp Asp Lys Leu Val His Gly Lys Leu His His His
His His Asp Asp Asp Lys
        35
<210> 20
<211> 6
<212>
      PRT
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 20
Leu Val Pro Arg Gly Ser
<210> 21
<211> 4
<212> PRT
<213> Artificial Sequence
```



```
<220>
<223> Synthetic

<400> 21

Ile Glu Gly Arg
1

<210> 22
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 22

Glu Asn Leu Tyr Phe Gln
1 5
```